

---

# **django-bootstrap3 Documentation**

*Release 3.3.0*

**Dylan Verheul**

March 01, 2017



<b>1</b>	<b>django-bootstrap3</b>	<b>3</b>
1.1	Documentation . . . . .	3
1.2	Quickstart . . . . .	3
1.3	Features . . . . .	4
1.4	Requirements . . . . .	4
1.5	Bugs and requests . . . . .	4
1.6	License . . . . .	4
1.7	Author . . . . .	4
<b>2</b>	<b>Installation</b>	<b>5</b>
<b>3</b>	<b>Settings</b>	<b>7</b>
<b>4</b>	<b>Template tags and Usage</b>	<b>9</b>
4.1	bootstrap_form . . . . .	10
4.2	bootstrap_formset . . . . .	10
4.3	bootstrap_field . . . . .	10
4.4	bootstrap_label . . . . .	11
4.5	bootstrap_button . . . . .	11
4.6	bootstrap_icon . . . . .	12
4.7	buttons . . . . .	12
4.8	bootstrap_messages . . . . .	12
4.9	bootstrap_pagination . . . . .	13
4.10	bootstrap_jquery_url . . . . .	13
4.11	bootstrap_javascript_url . . . . .	14
4.12	bootstrap_css_url . . . . .	14
4.13	bootstrap_css . . . . .	14
4.14	bootstrap_javascript . . . . .	15
<b>5</b>	<b>Contributing</b>	<b>17</b>
5.1	Types of Contributions . . . . .	17
5.2	Get Started! . . . . .	18
5.3	Pull Request Guidelines . . . . .	18
5.4	Tips . . . . .	19
<b>6</b>	<b>Credits</b>	<b>21</b>
6.1	Development Lead . . . . .	21
6.2	Contributors . . . . .	21

<b>7</b>	<b>History</b>	<b>23</b>
7.1	3.3.0 (2014-03-19) . . . . .	23
7.2	3.2.1 (2014-03-16) . . . . .	23
7.3	3.2.0 (2014-03-11) . . . . .	23
7.4	3.1.0 (2014-03-03) . . . . .	23
7.5	3.0.0 (2014-02-28) . . . . .	23
7.6	2.6.0 (2014-02-20) . . . . .	23
7.7	2.5.6 (2014-01-23) . . . . .	24

Contents:



---

## django-bootstrap3

---

Bootstrap support for Django projects

### Documentation

The full documentation is at <http://django-bootstrap3.readthedocs.org/>.

### Quickstart

1. Install using pip:

```
pip install django-bootstrap3
```

Alternatively, you can install download or clone this repo and call `pip install -e ..`

2. Add to `INSTALLED_APPS` in your `settings.py`:

```
'bootstrap3',
```

3. In your templates, load the `bootstrap3` library and use the `bootstrap_*` tags:

```
{% load bootstrap3 %}

{# Load CSS and JavaScript #}

{% bootstrap_css %}
{% bootstrap_javascript %}

{# Display django.contrib.messages as Bootstrap alerts #}
{% bootstrap_messages %}

{# Display a form #}

<form action="/url/to/submit/" method="post" class="form">
  {% csrf_token %}
  {% bootstrap_form form %}
  {% buttons %}
    <button type="submit" class="btn btn-primary">
      {% bootstrap_icon "star" %} Submit
    </button>
```

```
{% endbuttons %}  
</form>
```

## Features

Define your forms in Django, use `django-bootstrap3` to render them in Bootstrap. That's the dream.

## Requirements

- Python 2.6, 2.7 and 3.3
- Django >= 1.4

Contributions and pull requests for other Django and Python versions are welcome.

## Bugs and requests

If you have found a bug or if you have a request for additional functionality, please use the issue tracker on GitHub.

<https://github.com/dyve/django-bootstrap3/issues>

## License

You can use this under Apache 2.0. See LICENSE file for details.

## Author

My name is Dylan Verheul, you can reach me at [dylan@dyve.net](mailto:dylan@dyve.net) or follow me on Twitter (<http://twitter.com/dyve>). If you like this project, you can [support me on GitTip](#).



---

## Installation

---

At the command line:

```
$ easy_install django-bootstrap3
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv django-bootstrap3  
$ pip install django-bootstrap3
```



---

**Settings**

---

The django-bootstrap3 has some pre-configured settings.

They can be modified by adding a dict variable called `BOOTSTRAP3` in your `settings.py` and customizing the values you want;

The `BOOTSTRAP3` dict variable is configured by default to the following values:

```
BOOTSTRAP3 = {
    'jquery_url': '//code.jquery.com/jquery.min.js',
    'base_url': '//netdna.bootstrapcdn.com/bootstrap/3.0.3/',
    'css_url': None,
    'theme_url': None,
    'javascript_url': None,
    'horizontal_label_class': 'col-md-2',
    'horizontal_field_class': 'col-md-4',
}
```



---

## Template tags and Usage

---

1. Add to `INSTALLED_APPS` in your `settings.py`:

```
'bootstrap3',
```

2. In your templates, load the `bootstrap3` library and use the `bootstrap_*` tags:

```
{% load bootstrap3 %}

{# Load CSS and JavaScript #}

{% bootstrap_css %}
{% bootstrap_javascript %}

{# Display django.contrib.messages as Bootstrap alerts #}
{% bootstrap_messages %}

{# Display a form #}

<form action="/url/to/submit/" method="post" class="form">
  {% csrf_token %}
  {% bootstrap_form form %}
  {% buttons %}
    <button type="submit" class="btn btn-primary">
      {% bootstrap_icon "star" %} Submit
    </button>
  {% endbuttons %}
</form>
```

The “`bootstrap3`” template tag library includes the following template tags:

---

**Note:** All the following examples it is understood that you have already loaded the `bootstrap3` template tag library, placing the code below in the beginning that each template that `bootstrap3` template tag library will be used:

---

```
{% load bootstrap3 %}
```

## bootstrap\_form

`bootstrap3.templatetags.bootstrap3.bootstrap_form(*args, **kwargs)`

Render a form

**Tag name:**

```
bootstrap_form
```

**Parameters:**

**args**

**kwargs**

**usage:**

```
{% bootstrap_form form FIXTHIS %}
```

**example:**

```
{% bootstrap_form form FIXTHIS %}
```

## bootstrap\_formset

`bootstrap3.templatetags.bootstrap3.bootstrap_formset(*args, **kwargs)`

Render a formset

**Tag name:**

```
bootstrap_formset
```

**Parameters:**

**args**

**kwargs**

**usage:**

```
{% bootstrap_formset formset FIXTHIS %}
```

**example:**

```
{% bootstrap_formset formset FIXTHIS %}
```

## bootstrap\_field

`bootstrap3.templatetags.bootstrap3.bootstrap_field(*args, **kwargs)`

Render a field

**Tag name:**

```
bootstrap_field
```

**Parameters:**

**args**

**kwargs**

**usage:**

```
{% bootstrap_field form_field FIXTHIS %}
```

**example:**

```
{% bootstrap_form form_field FIXTHIS %}
```

## bootstrap\_label

`bootstrap3.templatetags.bootstrap3.bootstrap_label(*args, **kwargs)`

Render a label

**Tag name:**

```
bootstrap_label
```

**Parameters:**

**args**

**kwargs**

**usage:**

```
{% bootstrap_label FIXTHIS %}
```

**example:**

```
{% bootstrap_label FIXTHIS %}
```

## bootstrap\_button

`bootstrap3.templatetags.bootstrap3.bootstrap_button(*args, **kwargs)`

Render a button

**Tag name:**

```
bootstrap_button
```

**Parameters:**

**args**

**kwargs**

**usage:**

```
{% bootstrap_button FIXTHIS %}
```

**example:**

```
{% bootstrap_button FIXTHIS %}
```

## bootstrap\_icon

`bootstrap3.templatetags.bootstrap3.bootstrap_icon` (*icon*)

Render an icon

**Tag name:**

```
bootstrap_icon
```

**Parameters:**

**icon** icon name

**usage:**

```
{% bootstrap_icon "icon_name" %}
```

**example:**

```
{% bootstrap_icon "star" %}
```

## buttons

`bootstrap3.templatetags.bootstrap3.bootstrap_buttons` (*parser, token*)

Render buttons for form

**Tag name:**

```
bootstrap_buttons
```

**Parameters:**

**parser**

**token**

**usage:**

```
{% bootstrap_buttons FIXTHIS %}
```

**example:**

```
{% bootstrap_buttons FIXTHIS %}
```

## bootstrap\_messages

`bootstrap3.templatetags.bootstrap3.bootstrap_messages` (*context, \*args, \*\*kwargs*)

Show `django.contrib.messages` Messages in Bootstrap alert containers

**Tag name:**

```
bootstrap_messages
```

**Parameters:**



**context****args****kwargs****usage:**

```
{% bootstrap_messages FIXTHIS %}
```

**example:**

```
{% bootstrap_messages FIXTHIS %}
```

## bootstrap\_pagination

`bootstrap3.templatetags.bootstrap3.bootstrap_pagination` (*page*, *\*\*kwargs*)

Render pagination for a page

**Tag name:**

```
bootstrap_pagination
```

**Parameters:****page****kwargs****usage:**

```
{% bootstrap_pagination FIXTHIS %}
```

**example:**

```
{% bootstrap_pagination FIXTHIS %}
```

## bootstrap\_jquery\_url

`bootstrap3.templatetags.bootstrap3.bootstrap_jquery_url` ()

**Tag name:**

```
bootstrap_jquery_url
```

Return the full url to jQuery file to use

Default value: `//code.jquery.com/jquery.min.js`

this value is configurable, see Settings section

**usage:**

```
{% bootstrap_jquery_url %}
```

**example:**

```
{% bootstrap_jquery_url %}
```

## bootstrap\_javascript\_url

`bootstrap3.templatetags.bootstrap3.bootstrap_javascript_url()`

Return the full url to FIXTHIS

Default value: None

this value is configurable, see Settings section

**Tag name:**

```
bootstrap_javascript_url
```

**usage:**

```
{% bootstrap_javascript_url %}
```

**example:**

```
{% bootstrap_javascript_url %}
```

## bootstrap\_css\_url

`bootstrap3.templatetags.bootstrap3.bootstrap_css_url()`

Return the full url to FIXTHIS

Default value: None

this value is configurable, see Settings section

**Tag name:**

```
bootstrap_css_url
```

**usage:**

```
{% bootstrap_css_url %}
```

**example:**

```
{% bootstrap_css_url %}
```

## bootstrap\_css

`bootstrap3.templatetags.bootstrap3.bootstrap_css()`

Return HTML for Bootstrap CSS Adjust url in settings. If no url is returned, we don't want this statement to return any HTML. This is intended behavior.

Default value: FIXTHIS

this value is configurable, see Settings section

**Tag name:**

```
bootstrap_css
```

**usage:**

```
{% bootstrap_css %}
```

**example:**

```
{% bootstrap_css %}
```

## bootstrap\_javascript

`bootstrap3.templatetags.bootstrap3.bootstrap_javascript` (*jquery=False*)

Return HTML for Bootstrap JavaScript Adjust url in settings. If no url is returned, we don't want this statement to return any HTML. This is intended behavior.

Default value: None

this value is configurable, see Settings section

**Tag name:**

```
bootstrap_javascript
```

**Parameters:**

**jquery** True to include jquery FIXTHIS

**usage:**

```
{% bootstrap_javascript FIXTHIS %}
```

**example:**

```
{% bootstrap_javascript FIXTHIS %}
```



---

## Contributing

---

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

You can contribute in many ways:

### Types of Contributions

#### Report Bugs

Report bugs at <https://github.com/dyve/django-bootstrap3/issues>.

If you are reporting a bug, please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

#### Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with “bug” is open to whoever wants to implement it.

#### Implement Features

Look through the GitHub issues for features. Anything tagged with “feature” is open to whoever wants to implement it.

#### Write Documentation

django-bootstrap3 could always use more documentation, whether as part of the official django-bootstrap3 docs, in docstrings, or even on the web in blog posts, articles, and such.

#### Submit Feedback

The best way to send feedback is to file an issue at <https://github.com/dyve/django-bootstrap3/issues>.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

## Get Started!

Ready to contribute? Here's how to set up *django-bootstrap3* for local development.

1. Fork the *django-bootstrap3* repo on GitHub.
2. Clone your fork locally:

```
$ git clone https://github.com/your_username_here/django-bootstrap3.git
```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

```
$ mkvirtualenv django-bootstrap3
$ cd django-bootstrap3/
$ python setup.py develop
```

4. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ flake8 bootstrap3 tests
$ python setup.py test
$ tox
```

To get flake8 and tox, just pip install them into your virtualenv.

6. Commit your changes and push your branch to GitHub:

```
$ git add .
$ git commit -m "Your detailed description of your changes."
$ git push origin name-of-your-bugfix-or-feature
```

7. Submit a pull request through the GitHub website.

## Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 2.6, 2.7, and 3.3, and for PyPy. Check [https://travis-ci.org/dyve/django-bootstrap3/pull\\_requests](https://travis-ci.org/dyve/django-bootstrap3/pull_requests) and make sure that the tests pass for all supported Python versions.

## Tips

To run a subset of tests:

```
$ python -m unittest tests.test_bootstrap3
```





---

## Credits

---

### Development Lead

- Dylan Verheul <dylan.verheul@gmail.com>

### Contributors

Allard Stijnman <a.g.stijnman@gmail.com> Austin Whittier <austin.whitt@gmail.com> Caio Ariede <caio.ariede@gmail.com> Fabio C. Barrionuevo da Luz <bnafta@gmail.com> Jay Pipes <jaypipes@gmail.com> Jonas Hagstedt <hagstedt@gmail.com> Jordan Starcher <jstarcher@gmail.com> Juan Carlos <juancarlospaco@gmail.com> Markus Holtermann <info@markusholtermann.eu> Nick S <nsmith448@gmail.com> Owais Lone <loneowais@gmail.com> Richard Hajdu <tuskone16@gmail.com> pmav99 <pmav99@users.noreply.github.com>



### 3.3.0 (2014-03-19)

- use Django forms css classes for indicating required and error on fields

### 3.2.1 (2014-03-16)

- improved form rendering

### 3.2.0 (2014-03-11)

- support for addons

### 3.1.0 (2014-03-03)

- improve compatibility with Django < 1.5

### 3.0.0 (2014-02-28)

- added support for themes (fix issue #74)
- show inline form errors in field title (fix issue #81)
- fixed bugs in demo application
- update to newest Bootstrap (fix issue #83)

### 2.6.0 (2014-02-20)

- new setting *set\_required* to control setting of HTML *required* attribute (fix issue #76)

## 2.5.6 (2014-01-23)

- project refactored
- added skeleton for creating documentation (fix issue #30)
- fixed FileField issues

**B**

<code>bootstrap_button()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 11	boot-
<code>bootstrap_buttons()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 12	boot-
<code>bootstrap_css()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 14	boot-
<code>bootstrap_css_url()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 14	boot-
<code>bootstrap_field()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 10	boot-
<code>bootstrap_form()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 10	boot-
<code>bootstrap_formset()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 10	boot-
<code>bootstrap_icon()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 12	boot-
<code>bootstrap_javascript()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 15	boot-
<code>bootstrap_javascript_url()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 14	boot-
<code>bootstrap_jquery_url()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 13	boot-
<code>bootstrap_label()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 11	boot-
<code>bootstrap_messages()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 12	boot-
<code>bootstrap_pagination()</code>	(in module <code>strap3.templatetags.bootstrap3</code> ), 13	boot-